

In the Claims:

Add the following new claims:

27. (New) A clean room ceiling light fixture as defined in claim 26, further comprising a light sensor located in said clean room and electrically connected to said regulator, said light sensor producing an output signal representative of light intensity near said light sensor, and wherein said regulator further regulates said drive current as a function of said output signal.
28. (New) A clean room ceiling light fixture as defined in claim 26, further comprising a light sensor located in said clean room and electrically connected to said regulator, said light sensor producing an output signal having a magnitude representative of light intensity near said light sensor, and wherein said regulator further regulates said drive current in inverse proportion to said output signal magnitude.
29. (New) A clean room ceiling light fixture as defined in claim 1, further comprising a programmable controller electrically connected between said power supply and said light-emitting diodes, said programmable controller for programmatically regulating said drive current as a function of time.
30. (New) A clean room ceiling light fixture as defined in claim 1, further comprising a programmable controller electrically connected between said power supply and said light-emitting diodes, said programmable controller for programmatically regulating said drive current as a function of time to maintain substantially constant light flux output of said light-emitting diodes.